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**B.Sc. IN ANAESTHESIA AND CRITICAL CARE
TECHNOLOGY (BACT)**

Term-End Examination

December, 2017

BAHI-071 : ESSENTIAL OF CLINICAL MEDICINE

Time : 3 hours

Maximum Marks : 70

PART - A

Answer any three questions : 3x10=30

1. Describe the anatomy of Brachial plexus with the help of a diagram.
2. Classify the depolarising and non depolarising neurovascular blocking agents. Describe succinylcholine in brief.
3. Differentiate between disinfection and sterilisation. Describe the methods of autoclaving.
4. What are the routes of parenteral drug administration ? How do you perform an intravenous cannulation ?
5. Classify crystalloids. Describe in brief about Ringer lactate.

PART - B

6. Write short notes on any five of the following : 5x4=20

- (a) Thiopentone
- (b) Tidal volume and Minute volume
- (c) Bupivacaine
- (d) Mephenteramine
- (e) Atropine and Glycopyrrolate
- (f) Types of WBCs
- (g) Human Immuno Deficiency Virus.

PART - C

7. Fill in the blanks : 10x1=10

- (a) SA node is the _____ of heart.
- (b) Maximum safe dose of Ropivacaine is _____.
- (c) Universal donor is _____.
- (d) Diaphragm is the chief muscle of _____.
- (e) Drug for treatment of local anaesthetic toxicity is _____.
- (f) Concentration of propofol used for induction in adults is _____.
- (g) Kidney cell is called _____.
- (h) Muscle relaxants act as _____ muscle.
- (i) Entorox is _____ percentage of oxygen and _____ percentage of N_2O .
- (j) Mycobacterium tuberculosis causes _____.

PART - D

8. Write whether the following statements are true or false : 10x1=10

- (a) Nitroglycerine is used for hypotensive anaesthesia.
 - (b) Thiopentone is commonly available as 2mg/ml.
 - (c) Tricuspid valve is situated between left atrium and left ventricle.
 - (d) Trachea bifurcates at the level of T₆
 - (e) Autoclave uses moist heat for sterilisation.
 - (f) Hepatitis A is transmitted by orofaecal contamination.
 - (g) In cardiac cycle , contraction of ventricles is called systole.
 - (h) Ringer lactate is a colloid.
 - (i) Sevoflurane can be used in Tecb Vapouriser.
 - (j) Glycopyrollate crosses the blood brain barrier.
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